

The world's largest

Data Science Program

The Johns Hopkins

Data Science Specialization

Research Blogging Teaching

Research Blogging Teaching

jtleek.com

Research Blogging Teaching

simplystatistics.org

Research Blogging Teaching

jhudataascience.org

News

ABOUT US

NEWS RELEASES

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July 17, 2012

Johns Hopkins University Partners with Coursera to Offer Free Online Classes

The [Johns Hopkins University](#) today announced that it has joined [Coursera](#), an upstart education venture formed to offer high-quality college-level university courses online for free, creating new opportunities for learning worldwide.

Johns Hopkins is one of 17 top-tier institutions, including Princeton University, Stanford University, the University of Pennsylvania and the University of Michigan, that have signed agreements with Coursera to make some of their Web-based courses available to a wider student audience without charging tuition.

The universities are offering undergraduate and graduate courses taught by their professors in the arts,

2012

2011

2010

2009

2008

2007

2006

2005

2004

2003

2002

2001

2000

from: jtleek@gmail.com

Roger let me know you gave him a ballpark figure for the number of students registered for his course "Computing for Data Analysis". Could you give me an idea of how many have registered for my course "Data Analysis?"

from: pangwei@coursera.org

Hi Jeff,

7,000 students! It's pretty awesome.
(You'll be able to check this out yourself
next week, once the class sites are up.)

from: rdpeng@gmail.com

You are f**ed.

-roger

A MOOC is Videos

Lecture 1A: Biostatistics an x

https://class.coursera.org/biostats-002/lecture/3

coursera

JOHNS HOPKINS
BLOOMBERG
SCHOOL OF PUBLIC HEALTH

Math
by Br

$\frac{X-\mu}{\sigma}$

BOOTCAMP

GENERAL

Home

Syllabus

Grading Policy

Faculty

Github Repository

LEARNING ACTIVITIES

Video Lectures

Homework

Mathematical
Biostatistics
Boot Camp
Lecture 1,
Introduction
Brian Caffo

Biostatistics
Experiments
Set notation
Probability

Table of contents

- 1 Biostatistics
- 2 Experiments
- 3 Set notation
- 4 Probability

$\frac{X-\mu}{\sigma}$

Navigation icons

A MOOC is Quizzes

The screenshot shows a web browser window with the address bar displaying `https://class.coursera.org/dataanalysis-001/admin/quiz/quiz_editor?quiz_id=162`. The page header includes the Coursera logo and the course information: "Data Analysis by Jeff Leek" and "JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH". The main heading is "Editing Quiz: Weekly Quiz 8". Below this heading are four buttons: "Save" (green), "Preview" (green), "Save and Exit" (blue), and "Exit Without Saving" (red). There are also three links: "Edit Quiz Settings", "Edit Quiz Preamble", and "Edit Raw XML". The interface is divided into two main sections: "Question 1" and "Variation 1". The "Question 1" section has a "Settings" button and a text area containing "Variation 1" and "Suppose this is the result of 85 hypothesis tests:". Below the text area is a button "Add Variation". The "Variation 1" section has a "Question Type" dropdown menu set to "Radio", a checkbox for "Randomize Display Order" which is checked, and a "Text" input field containing the same text as the question: "Suppose this is the result of 85 hypothesis tests:".

coursera

JOHNS HOPKINS
BLOOMBERG
SCHOOL OF PUBLIC HEALTH

Data Analysis
by Jeff Leek

Editing Quiz: Weekly Quiz 8

Save Preview Save and Exit Exit Without Saving

Edit Quiz Settings Edit Quiz Preamble Edit Raw XML

Question 1 Settings

Variation 1
Suppose this is the result of 85 hypothesis tests:

Click and drag to re-order questions

Add Variation

Variation 1

Question Type
Radio

☒ Randomize Display Order

Text
Suppose this is the result of 85 hypothesis tests:

A MOOC is Forums

Anonymous · 3 months ago

Hmm, this could be one of the reasons why i found these lectures quite annoying to listen to. I searched the forum to see if anyone else experiences this and came across this thread. Noticed that the lecturer's voice is of his voice somewhat unpleasant, and find the videos difficult to listen to for an extended period.

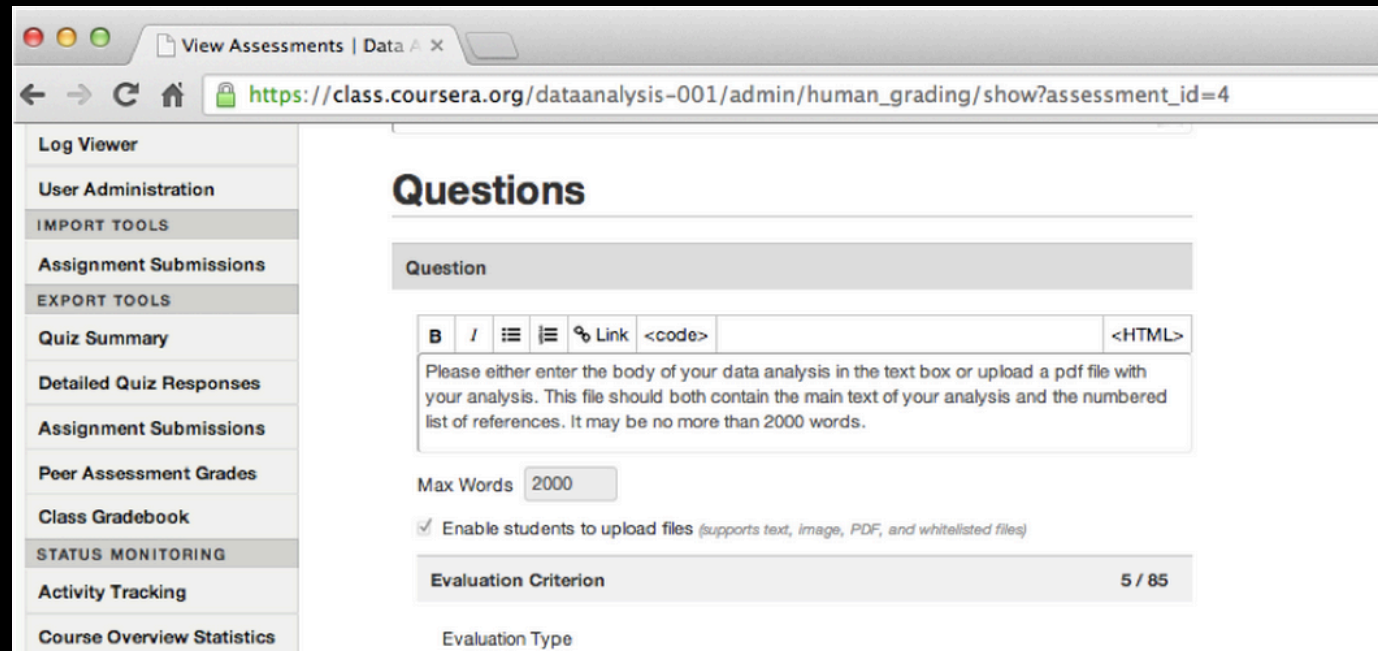
↑ 1 ↓ · flag

Poor bloke - he's getting a lot of flak today. FWIW, I found the narration a little hard to hear due to tiredness. He does sound pretty exhausted in some lectures (there are a few instances where it reflects how much work he's put into all this, much of it at night from the sound of his voice). When bright & breezy would make it sound fresher, but maybe this is all done on

↑ 1 ↓ · flag

A MOOC is

Peer grading



The screenshot shows a web browser window with the address bar displaying https://class.coursera.org/dataanalysis-001/admin/human_grading/show?assessment_id=4. The page title is "View Assessments | Data A x". On the left is a sidebar menu with the following items: Log Viewer, User Administration, IMPORT TOOLS, Assignment Submissions, EXPORT TOOLS, Quiz Summary, Detailed Quiz Responses, Assignment Submissions, Peer Assessment Grades, Class Gradebook, STATUS MONITORING, Activity Tracking, and Course Overview Statistics. The main content area is titled "Questions" and contains a form for editing a question. The form includes a "Question" label, a rich text editor with buttons for bold (B), italic (I), bulleted list, numbered list, link, and code (<code>), and a text area with the instruction: "Please either enter the body of your data analysis in the text box or upload a pdf file with your analysis. This file should both contain the main text of your analysis and the numbered list of references. It may be no more than 2000 words." Below the text area is a "Max Words" field set to 2000. There is a checkbox labeled "Enable students to upload files" with a note "(supports text, image, PDF, and whitelisted files)". At the bottom, there is a table with two columns: "Evaluation Criterion" and "5 / 85". The "Evaluation Type" is also indicated.

View Assessments | Data A x

https://class.coursera.org/dataanalysis-001/admin/human_grading/show?assessment_id=4

Log Viewer

User Administration

IMPORT TOOLS

Assignment Submissions

EXPORT TOOLS

Quiz Summary

Detailed Quiz Responses

Assignment Submissions

Peer Assessment Grades

Class Gradebook

STATUS MONITORING

Activity Tracking

Course Overview Statistics

Questions

Question

B / *I* [List Icons] Link <code> <HTML>

Please either enter the body of your data analysis in the text box or upload a pdf file with your analysis. This file should both contain the main text of your analysis and the numbered list of references. It may be no more than 2000 words.

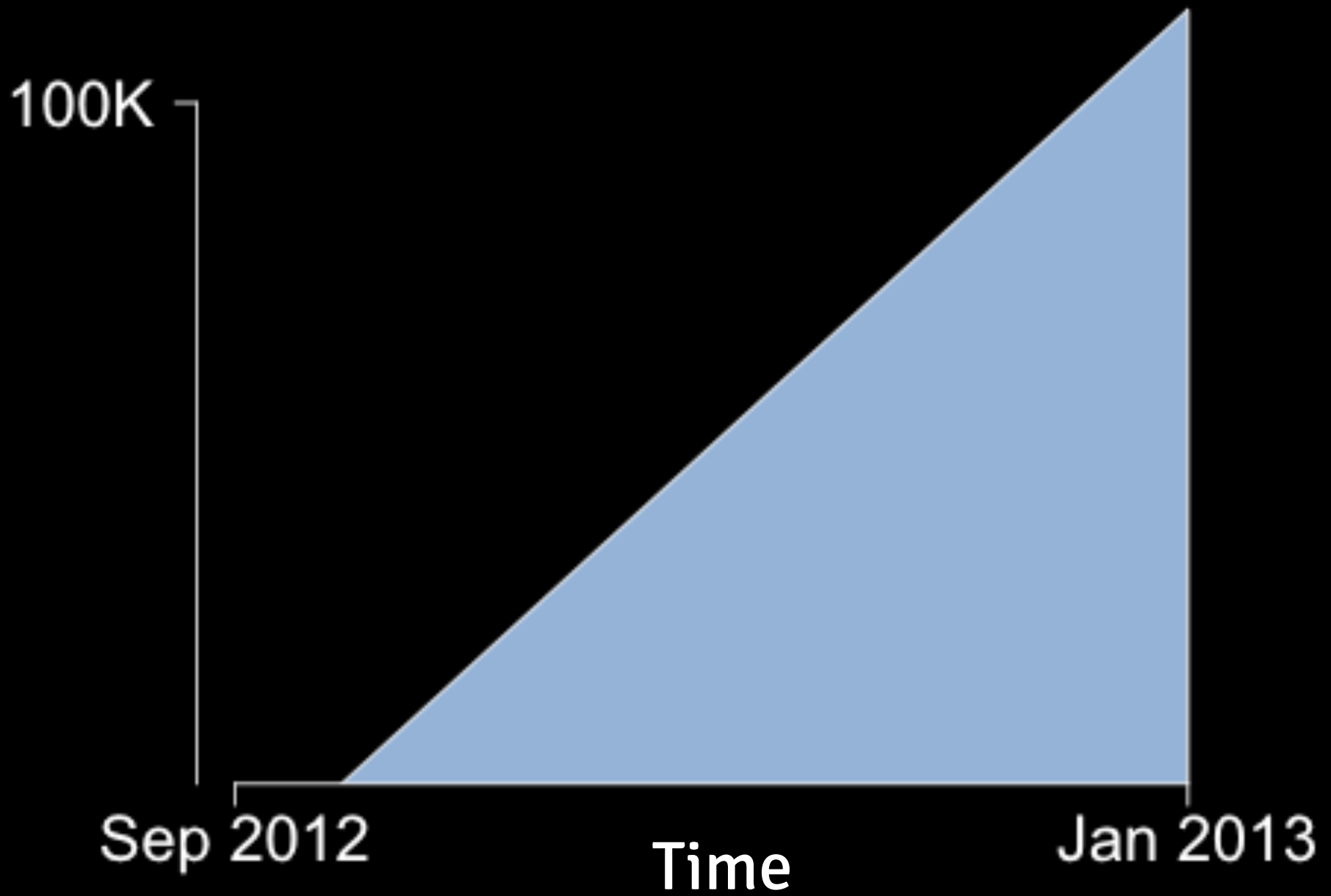
Max Words 2000

☒ Enable students to upload files (supports text, image, PDF, and whitelisted files)

Evaluation Criterion	5 / 85
----------------------	--------

Evaluation Type

Enrollment



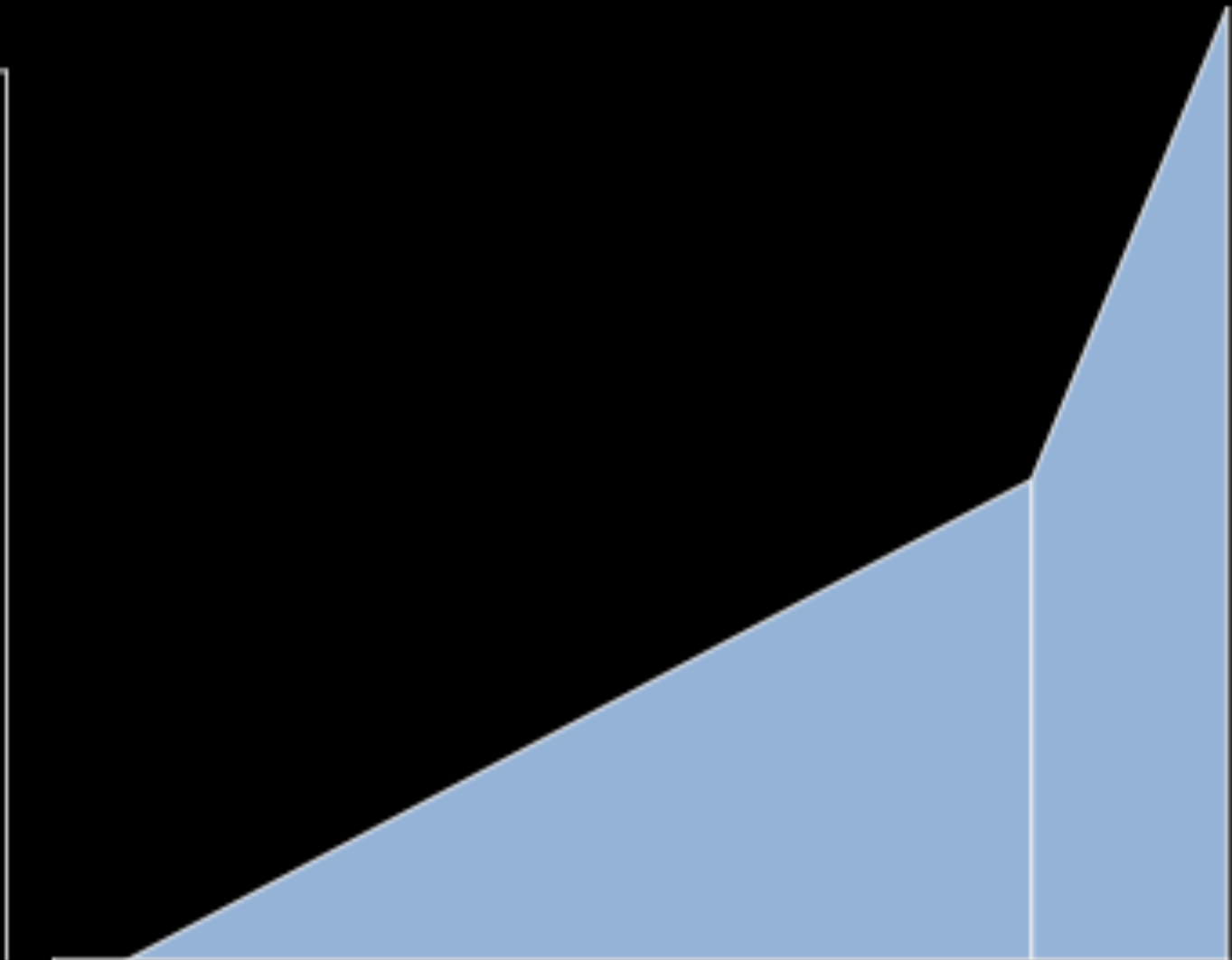
Enrollment

200K

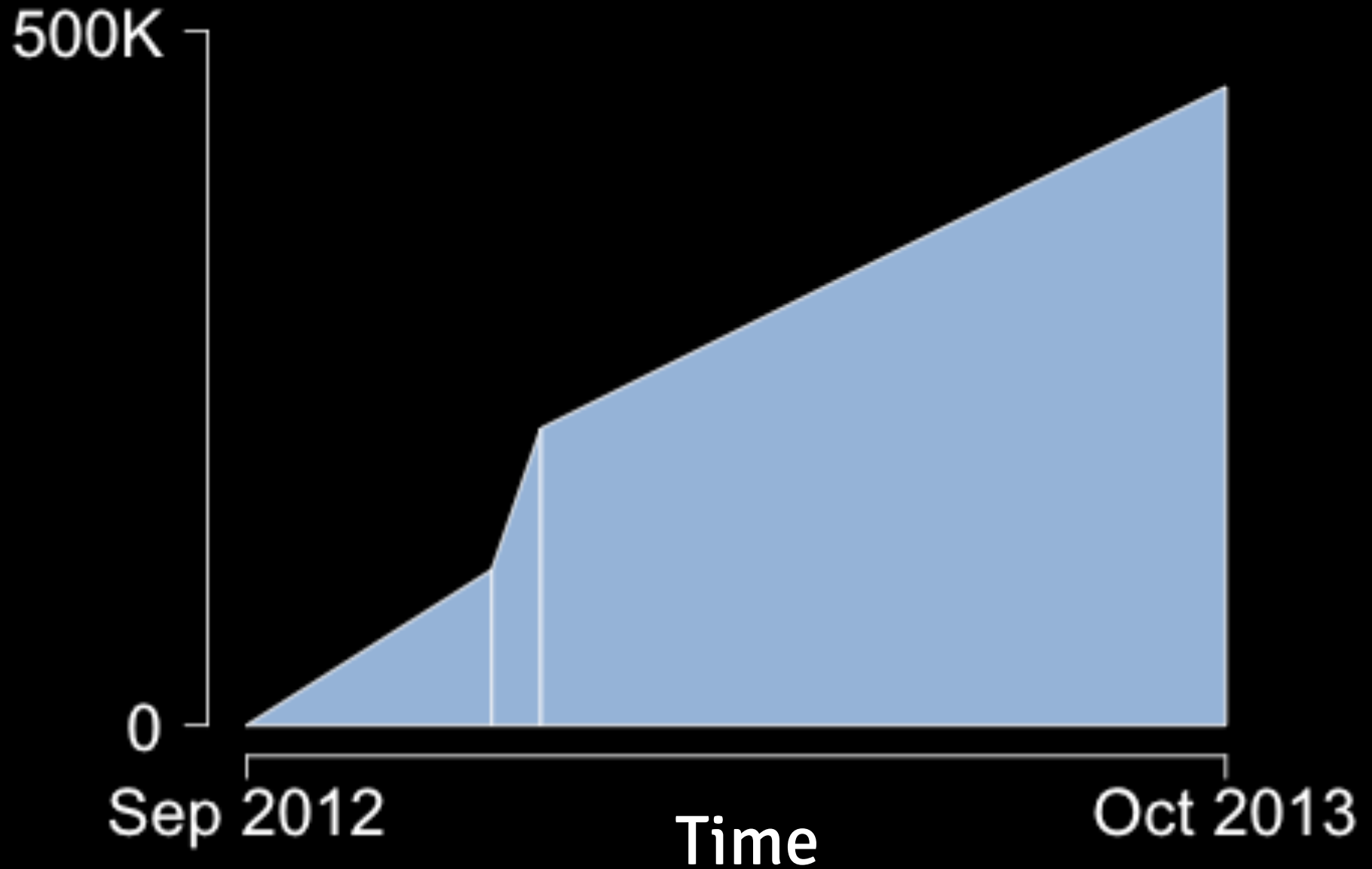
Sep 2012

Time

Jan 2013



Enrollment



6503

Data analysis
completers

6761*

M.S. in
Statistics

Data Science Specialization

9 classes
1 month long
Every month

- 1 The Data Scientist's Toolbox
- 2 R Programming
- 3 Getting and Cleaning Data
- 4 Exploratory Data Analysis
- 5 Reproducible Research
- 6 Statistical Inference
- 7 Regression Models
- 8 Practical Machine Learning
- 9 Developing Data Products
-  Capstone Project

Less standard content

Github

Data cleaning

Interactive graphics

Presentations

Capstone

Probability

Inference

Regression and GLMs

EDA

Standard content



The Team

Enrollment

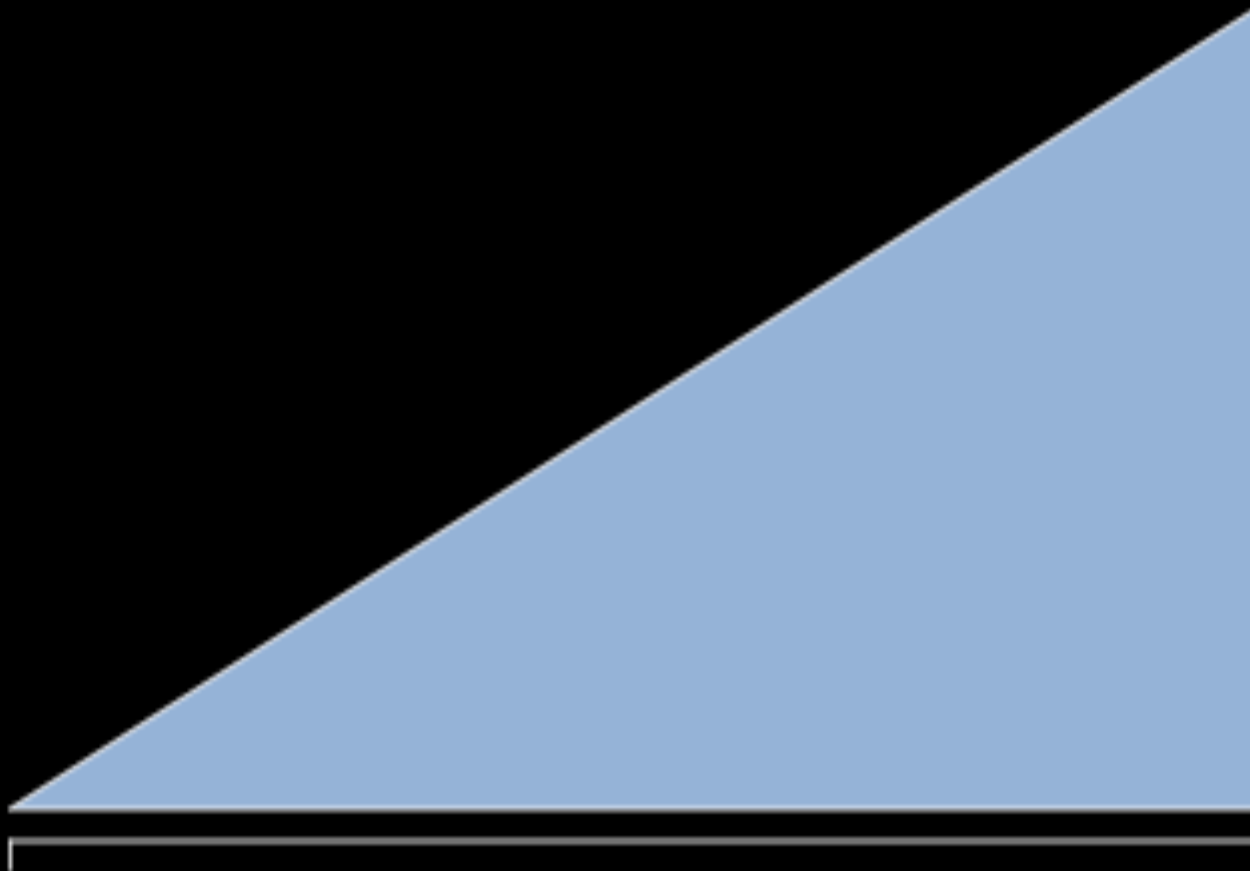
1.2 MM

0

Mar 2014

Apr 2014

Time



Enrollment

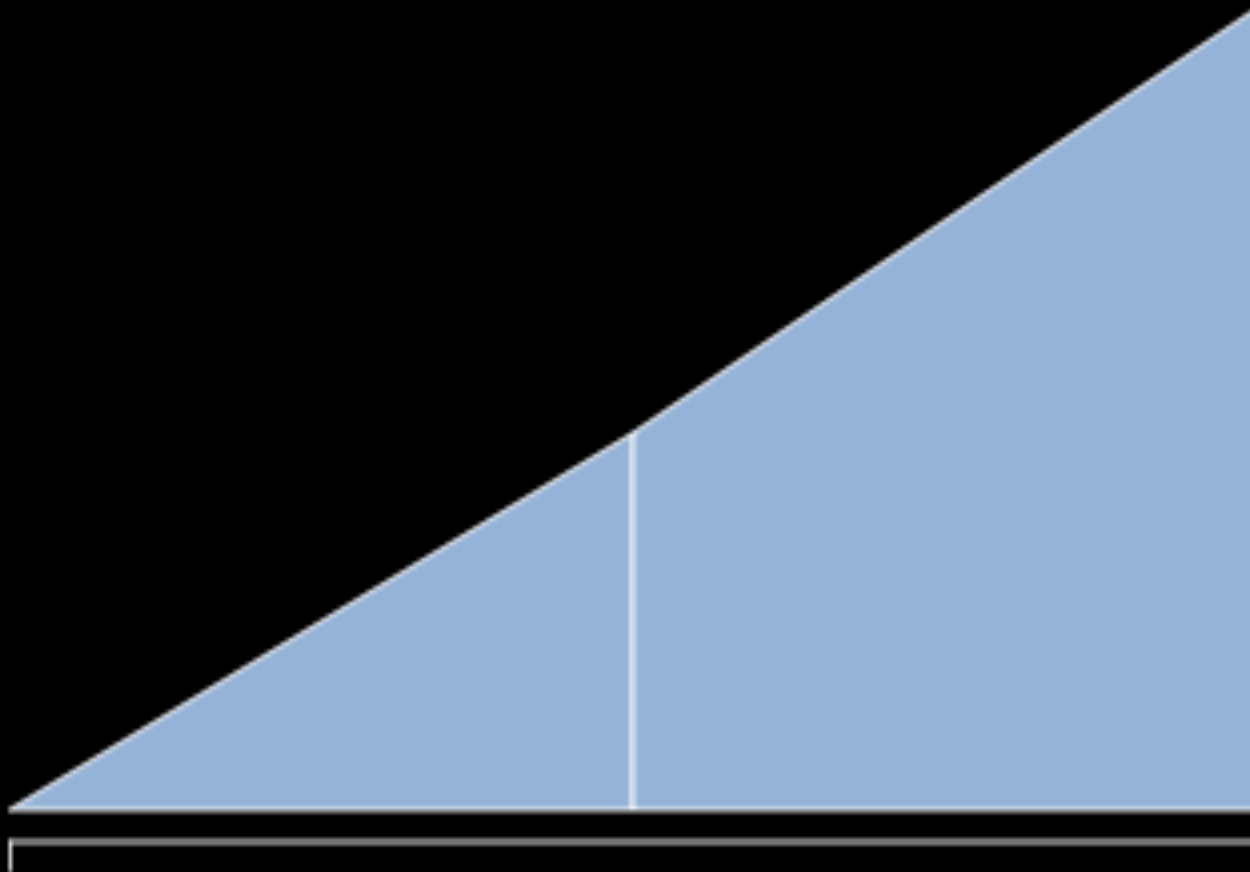
1.3 MM

0

Mar 2014

May 2014

Time



Enrollment

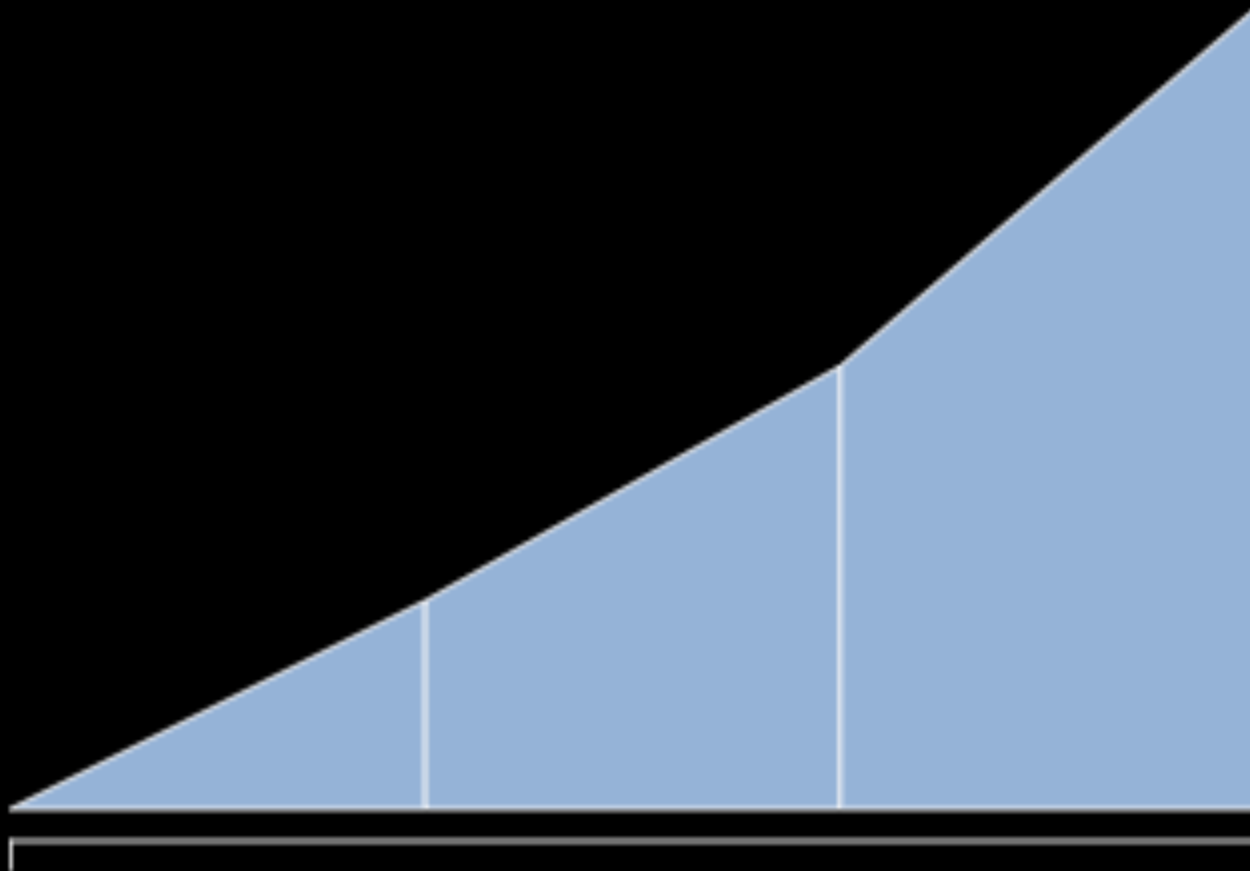
1.6 MM

0

Mar 2014

June 2014

Time



Enrollment

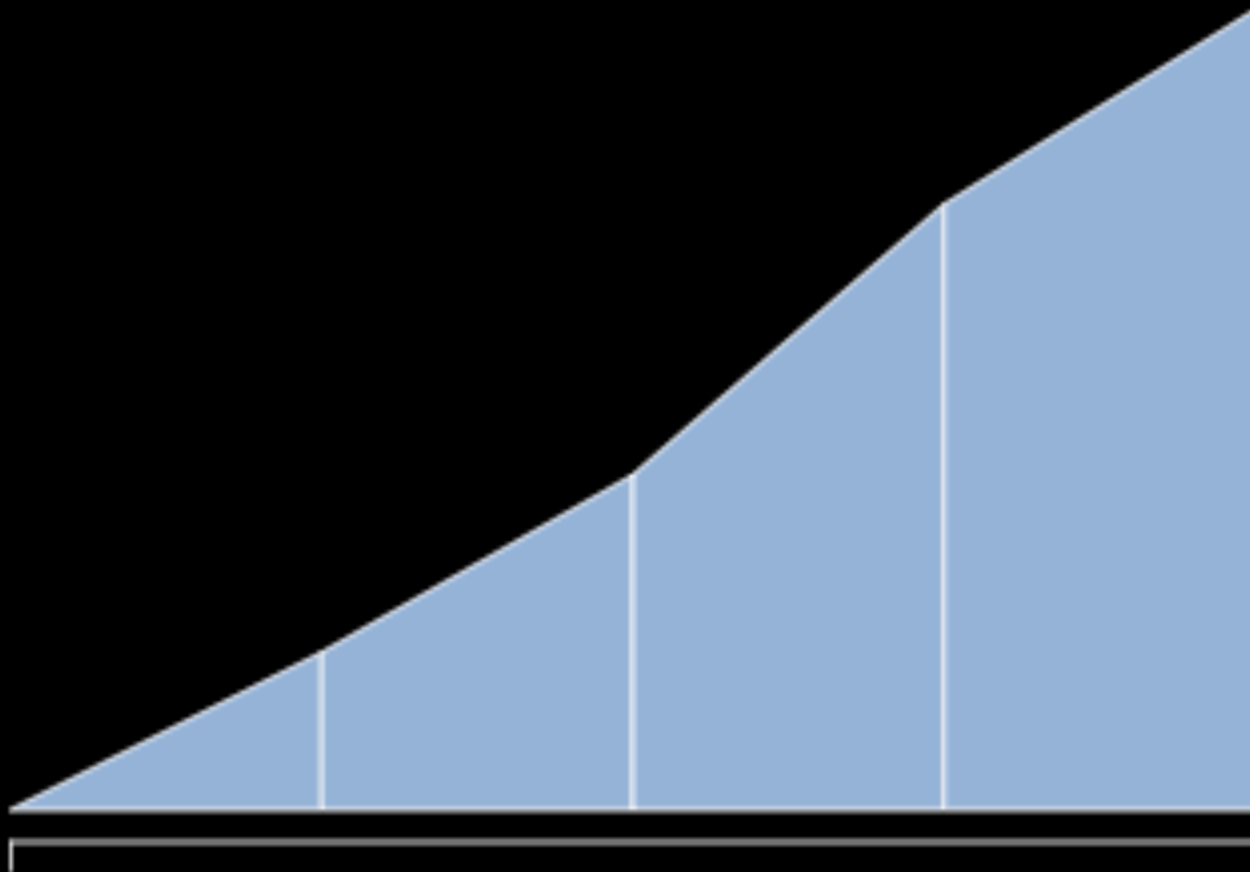
1.8 MM

0

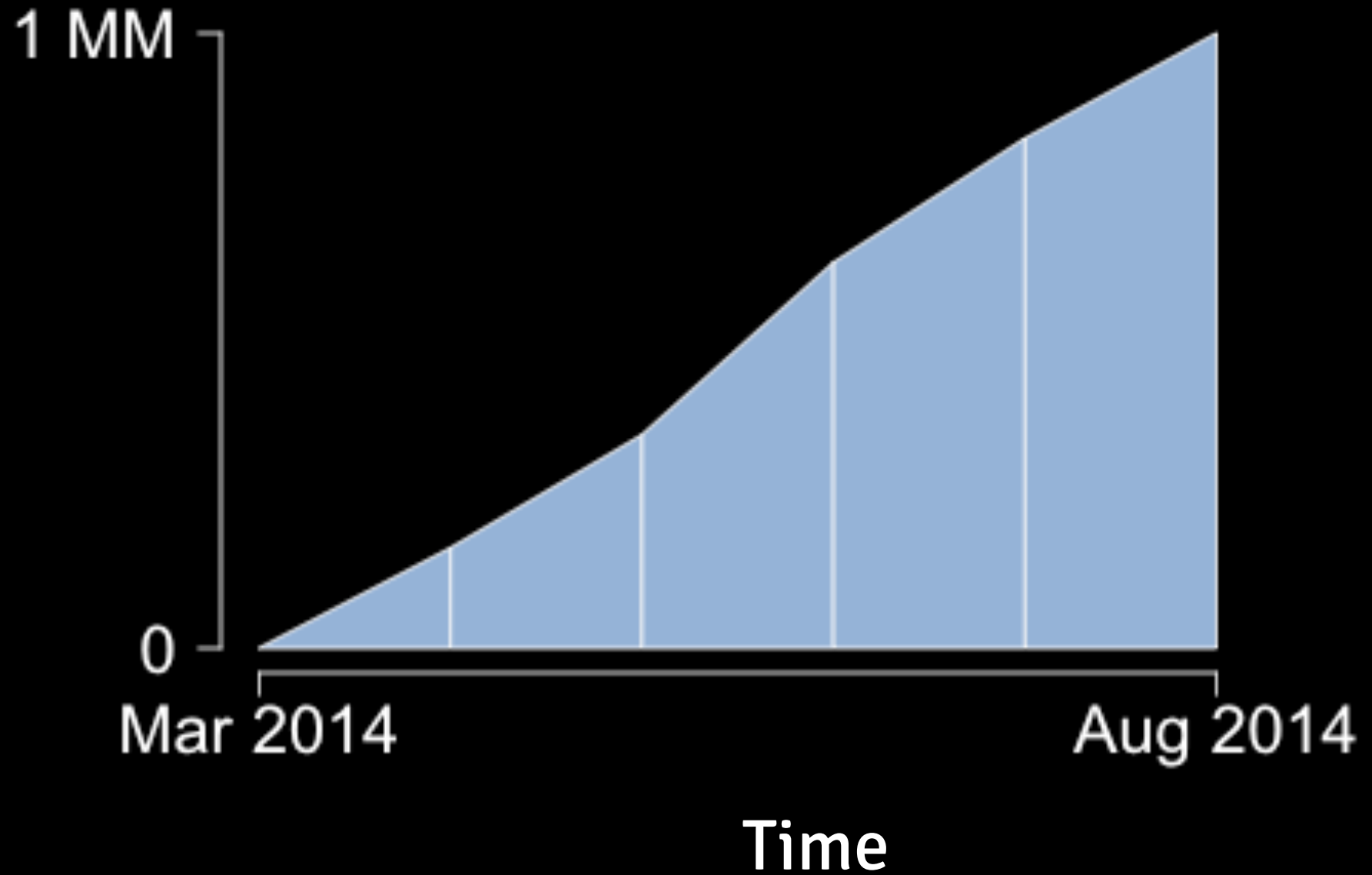
Mar 2014

July 2014

Time



Enrollment



Enrollment

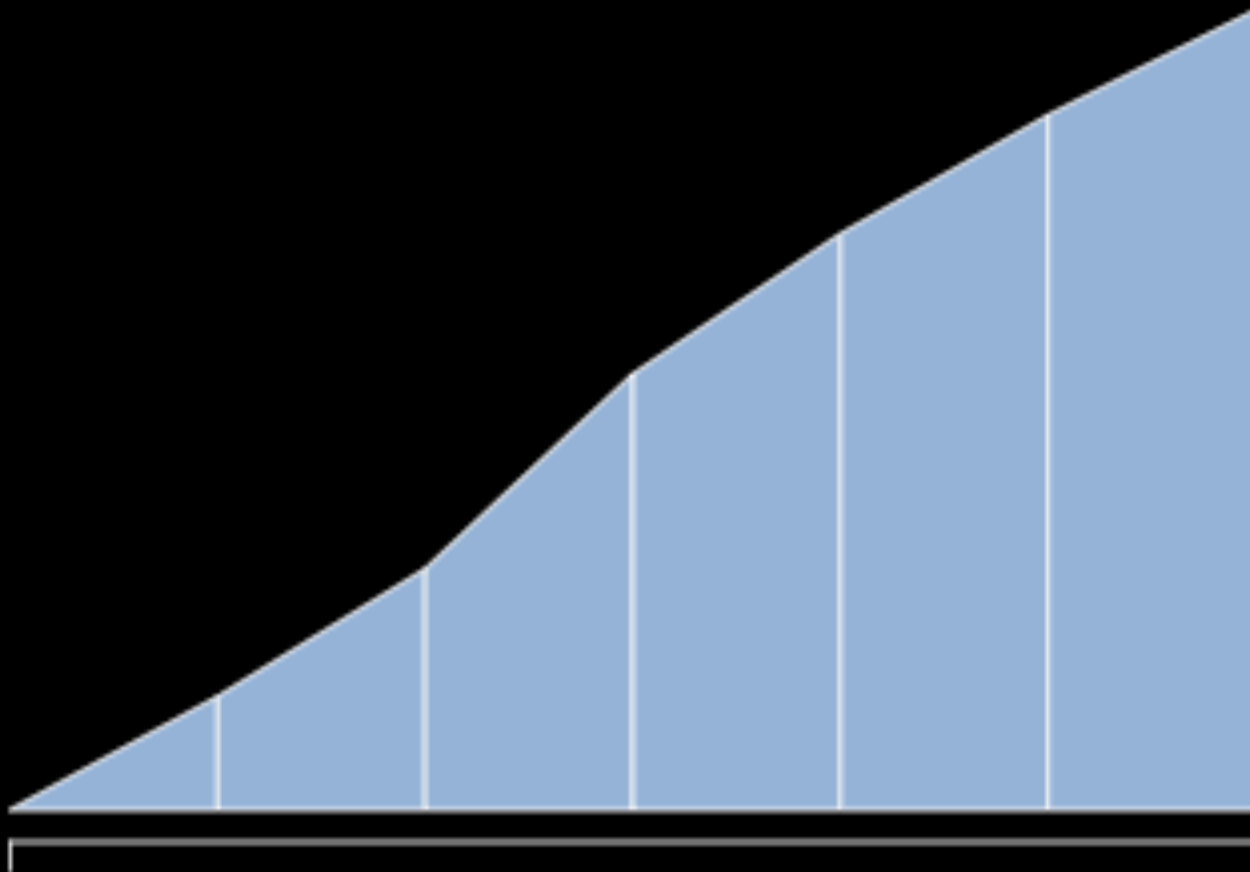
1 MM

0

Mar 2014

Sep 2014

Time



1,000,000+

Enrolled

We are just getting started



Salzberg Jager

Hansen McGready

Pertea Taylor

Lindquist Langmead

Crainiceanu

Bakker

Miller

BD2K MOOCs Coming Soon